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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/673,897	01/05/2001	Bichot Guillaume	PF980020	7113

7590 06/27/2007
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EXAMINER

NGUYEN, VAN H

ART UNIT	PAPER NUMBER
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2194

MAIL DATE	DELIVERY MODE
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06/27/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/673,897

Applicant(s)

GUILLAUME ET AL.

Examiner

VAN H. NGUYEN

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04 April 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10/23/2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is in response to the amendment 04/04/2007.

Claims 1-10 are presented for examination.

Drawings

2. The drawings are objected to because of the following:

Figure 1b is a set of interconnected boxes without labels, for clarity each box should be labeled with textual information, descriptive of their functionality or operation within the invention.

Corrected drawing sheets in compliance with 37 C.F.R. 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures.

The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 C.F.R. 1.84(c)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by **Chambers et al.** (US 5959536).

As to claim 9:

Chambers teaches device in a communication network (*see the Abstract and the discussion beginning at col.3, line 55*) comprising:

means for storing local objects (*see the devices/objects discussion*);

means for storing a local registry for containing a catalogue of objects local to the device
(*see the devices/objects/registry discussion*);

means for connecting the device to the network (*see the devices discussion*);

means for propagating a request for a list of objects formulated by a local object to the
local registries of other devices (*see the objects/requesting/querying discussion*); and

means for collecting the responses of the registries of the other devices and the response
of the local registry and for transmitting the responses to the object having formulated the
request (*see the objects/registries/requesting/querying discussion*).

As to claim 10:

Chambers teaches means for determining the addresses of devices of the network
comprising so-called distant registries (*see the objects/registries/requesting/querying
discussion*).

As to claim 1:

The rejection of claim 1 above is incorporated herein in full. Additionally Chambers teaches formulating, by a local object, a request for a list of objects, the request being transmitted to the single local registry of the device hosting the local object (*see the objects/registries/requesting/querying discussion*).

As to claim 2:

Chambers teaches a local registry comprises for each object registered therein an identifier of this object in the network, this identifier being unique for the network, as well as attributes of the object (*see the discussion beginning at col.3, line 55*).

As to claim 3:

Chambers teaches the identifier comprises an identifier of the device in which the object is present, this device identifier being unique in the network, as well as of a local identifier unique to this object at the level of the device object (*see the discussion beginning at col.3, line 55*).

As to claim 4:

Chambers teaches a type of request formulated by an object is a request comprising at least one selection criterion pertaining to an object attribute (*see the discussion beginning at col.3, line 55*).

As to claim 5:

Chambers teaches the function of an object is an attribute stored by a local registry in respect of the object (*see the discussion beginning at col.3, line 55*).

As to claim 6:

Chambers teaches determining the devices connected to the network which themselves comprise a registry (*see the discussion beginning at col.3, line 55*).

As to claim 7:

Chambers teaches the determination of the types of the devices present in the network, the type of a device indicating whether it hosts a registry or whether it does not host one (*see the discussion beginning at col.3, line 55*).

As to claim 8:

Chambers teaches selection criteria for at least two lists of objects, as well as at least one operator for processing the lists (*see the discussion beginning at col.3, line 55*).

Response to Arguments

4. Applicant's arguments filed on 04/04/2007 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

5. The prior art made of record, see PTO 892, and not relied upon is considered pertinent to applicant's disclosure. Applicant should review these references carefully before responding to this office action.

Contact Information

6. Any inquiry or a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: (571) 272-2100.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H. NGUYEN whose telephone number is (571) 272-3765. The examiner can normally be reached on Monday-Thursday from 8:30AM 6:00PM. The examiner can also be reached on alternative Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM THOMSON can be reached at (571) 272-3718.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Art Unit: 2194

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:
Commissioner for patents
P O Box 1450
Alexandria, VA 22313-1450

A handwritten signature in black ink, appearing to read "Van H. Nguyen", with a large, sweeping flourish at the end.

VAN H. NGUYEN
PRIMARY EXAMINER